IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method for identifying network traffic comprising:

receiving pattern matching data;

comparing the pattern matching data with ~~a pattern~~ each of a plurality of patterns;

for each pattern, determining whether the pattern matching data matches the pattern; ~~and~~

for each pattern that the pattern matching data is determined to match, including a pattern match score corresponding to the pattern in an application protocol score associated with an application protocol with which the pattern is associated, wherein the application protocol comprises one of a plurality of application protocols and each pattern is associated with a corresponding one of the plurality of application protocols; and

concluding ~~based at least in part on a determination that the pattern matching data matches the pattern~~ that a network traffic with which the pattern matching data is associated is associated with [[an]] a determined application protocol ~~with which the pattern is associated~~ that has a highest application protocol score among the plurality of application protocols.

2.   (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern matching data includes application data.

3. (Original) A method for identifying network traffic as recited in Claim 1, in the event that the pattern matching data matches the pattern, further including determining a property associated with the network traffic.

4. (Canceled)

5. (Original) A method for identifying network traffic as recited in Claim 1, in the event that the data matches the pattern, further including determining a property associated with the data and assigning a score for the property.

6. (Original) A method for identifying network traffic as recited in Claim 1, in the event that the data matches the pattern, further including determining a property associated with the data; and applying a policy based on the property.

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern matching data includes a string selected from a packet.

11. (Original) A method for identifying network traffic as recited in Claim 1, wherein pattern matching data includes concatenated application data of a plurality of packets.

12. (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern includes a regular expression.

13. (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern includes application protocol information.

14. (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern includes commonly used port information.

15. (Original) A method for identifying network traffic as recited in Claim 1, in the event the data does not match the pattern, further comprising returning a failure indicator.

16. (Original) A method for identifying network traffic as recited in Claim 1, wherein determining whether the pattern matching data matches the pattern occurs at the beginning of session.

17. (Original) A method for identifying network traffic as recited in Claim 1, wherein comparing the pattern matching data with a pattern is performed for each received data.

18. (Canceled)

19. (Canceled)

20. (Currently Amended) A system for identifying network traffic comprising:

    an interface configured to receive pattern matching data;

    a processor configured to:

        compare the pattern matching data with ~~a pattern~~ each of a plurality of patterns;

        for each pattern, determine whether the pattern matching data matches the pattern; ~~and~~

        for each pattern that the pattern matching data is determined to match, include a pattern match score corresponding to the pattern in an application protocol score associated with an application protocol with which the pattern is associated, wherein the application protocol comprises one of a plurality of application protocols and each pattern is associated with a corresponding one of the plurality of application protocols; and

        conclude ~~based at least in part on a determination that the pattern matching data matches the pattern~~ that a network traffic with which the pattern

matching data is associated is associated with [[an]] a determined application

protocol ~~with which the pattern is associated~~ that has a highest application

protocol score among the plurality of application protocols.

21.   (Currently Amended) A computer program product for identifying network traffic, the

computer program product being embodied in a computer readable medium and comprising

computer instructions for:

receiving pattern matching data;

comparing the pattern matching data with ~~a pattern~~ each of a plurality of

patterns;

for each pattern, determining whether the pattern matching data matches

the pattern; ~~and~~

for each pattern that the pattern matching data is determined to match,

including a pattern match score corresponding to the pattern in an application protocol

score associated with an application protocol with which the pattern is associated,

wherein the application protocol comprises one of a plurality of application protocols and

each pattern is associated with a corresponding one of the plurality of application

protocols; and

concluding ~~based at least in part on a determination that the pattern~~

~~matching data matches the pattern~~ that a network traffic with which the pattern matching

data is associated is associated with [[an]] a determined application protocol ~~with which~~

~~the pattern is associated~~ that has a highest application protocol score among the plurality

of application protocols.

22.   (Canceled)